

Title (en)

Aqueous treating composition for glass fiber strands used to produce mats for thermoplastic polymers.

Title (de)

Wässrige Behandlungslösung für Glasfasersträhnen zur Produktion von Matten für thermoplastische Polymere.

Title (fr)

Composition aqueuse pour le traitement d'écheveaux de fibres de verre utilisés pour produire des mats pour polymères thermoplastiques.

Publication

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Application

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Priority

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Abstract (en)

Glass fibers are disclosed which are treated with an aqueous treating composition having a lubricant and one or more coupling agents, water and an effective amount of water dispersible solid particulate inorganic compound, and chemical agent to provide association between the thermoplastic polymer and the glass fiber strand. Other materials such as softeners, pigments and the like may be added to the aqueous treating composition. The treated glass fiber strands are used in the form of continuous glass strands or chopped strands or a mixture thereof to prepare glass fiber strand mat for use in reinforcing thermoplastic polymers. Thermoplastic polymers reinforced with mats made of the treated glass fiber strands of the present invention have improved stamping properties.

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No documents have been disclosed

Cited by

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